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A method and apparatus for enhancing signal quality within a wireless receiver are disclosed. An image of a desired signal is down-converted to a baseband signal by a digital down converter. The energy of the baseband signal is subsequently determined. If the energy of the baseband signal is equal to or greater than a predetermined threshold, then the IF is swapped for any incoming signals. If the energy of the baseband signal is less than the predetermined threshold, then the IF is maintained for any incoming signals.